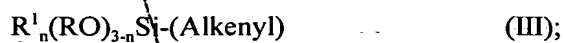


or



wherein:

B: -SCN, -SH, -Cl, -NH₂ (when q = 1) or -S_x- (when q = 2);

R and R': each independently represent a branched or nonbranched alkyl group with 1 to 4 carbon atoms or a phenyl group;

R: a branched or nonbranched C₁ to C₄ alkyl or C₁ to C₄ alkoxy group;

n: 0; 1 or 2;

Alk: a divalent straight-chain or branched hydrocarbon group with 1 to 6 carbon atoms;

m: 0 or 1;

Ar: an arylene group with 6 to 12 carbon atoms;

p: 0 or 1, with the proviso that p, m and n are not simultaneously equal to 0;

x: a number from 2 to 8;

Alkyl: a monovalent straight-chain or branched saturated hydrocarbon group with 1 to 20 carbon atoms;

Alkenyl: a monovalent straight-chain or branched unsaturated hydrocarbon group with 2 to 20 carbon atoms;

wherein the total amount of said filler does not exceed 5000 phr individually or in combination, and wherein said filler is permanently bound with the rubber.